



Village of Roaming Shores
2500 Hayford Road
P.O. Box 237
Roaming Shores, Ohio 44084

440-563-3525, (f) 563-5912, Administrator: 440-563-5083, (c) 812-4032
www.roamingshoresOH.gov

Open Trench Forcemain Replacement – Request for Proposal

Project Summary: Installation of 1,325' of a 4" forcemain along Rome Terrace from 5 West lift station to a manhole located at the corner of Jefferson Point and Rock Creek Terrace. The village will provide thirty-four 40' sticks of previously purchased 4" HDPE. The contractor shall furnish all labor, materials, tools, and equipment as necessary to construct (e.g. thermal butt-fuse or socket fuse piping) the forcemain via an open trench method.

General

- The contractor shall contact the Ohio Utilities Protection Service (OUPS) a minimum of two (2) business day prior to beginning any work. Soil borings for shale have been completed as well as televising of nearby gravity lines and results are on file at the village. However, there are no as-built's available for water lines. The forcemain will be installed on the east side of the R.O.W. and will cross in front of five water laterals and homes with gravel driveways where the line can be "punched" through.

Materials

- Forcemain shall be installed with 4" HDPE provided to the contractor by the village. Pipe and fittings shall be joined by thermal butt-fusion or socket fusion in accordance with ASTM D3261;
- A #12 AWG cooper tracer wire shall be installed simultaneously with the pullback of the pipe. Wire shall be either wrapped around the pipe or taped to the pipe at a 10 foot minimum interval before installation;
- Polyethylene pipe shall be joined to ductile iron pipe by the use of flange adapters and back-up rings. Flange adapters shall be fused to the polyethylene carrier pipe. The face of the flange adapter shall have a serrated sealing face to assist in holding the flange gasket in place. Flange gaskets shall be full-face neoprene. Back-up rings shall be Class "D" steel ring flanged in accordance with AWWA C207. Flange bolts shall be stainless steel and must span the entire width of the flange joint and provide sufficient thread length to fully engage the nut; and
- Excavation in the roadway shall be backfilled with ODOT 304 limestone to within 3 inches of the finished surface with cold patch in the final 3 inches. The use of recycled concrete is prohibited in Roaming Shores.

Installation

- Forcemain shall be installed with a minimum 5'-0" cover;
- Forcemain termination at manhole shall be turned down with a 45 degree bend inside the manhole;
- Contractor will be responsible for maintaining traffic and access to private property throughout the duration of the project; and
- Final restoration (topsoil, seeding and mulching, etc.) will **NOT** be the responsibility of the Contractor. Contractor shall backfill pits, holes, trenches as needed and rough grade only.

Testing

- The installation shall be pressure tested in accordance with ASTM F2164, Field Leak Testing of Polyethylene Pressure Piping Systems Using Hydrostatic Pressure. The HDPE pipe shall be filled with water, raised to test pressure, and allowed to stabilize. Test pressure shall be 1.5 times the operating pressure of the system. The pipe shall pass if the final pressure is within 5% of the test pressure for one (1) hour.



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Warranty

- Material and workmanship shall have a one (1) year warranty to be free from defects in workmanship and materials. The warranty will begin on the date of final acceptance by the village. If deficiencies are discovered during the warranty period, the Contractor shall correct these deficiencies without additional charge to the village.

Required Information

1. Name of company: _____
2. Owner: _____
3. Billing address: _____
4. E-mail address: _____
5. Name(s) of all staff involved with project and years of experience:

6. References of related jobs performed by contractor (three addresses and owner names):
 1. _____
 2. _____
 3. _____
7. A fixed fee for the proposed forcemain project: \$ _____
8. Hourly rate for additional work: \$ _____

Submittals are due by 10:30 a.m. on Wednesday, October 14, 2015 at the Roaming Shores Village Hall. The village reserves the right to reject any and all proposals.

Questions: To arrange for a visit or to ask questions about the project, please contact Victor Virmala, utility superintendent (440-474-2302).